

Any opening, except for a small transfer cut out, between the public and service sides will reduce the efficiency and might cause premature "feed-back". Best performance is achieved with a fully closed window.

Public Microphone

Install the microphone as close as possible to the customer for a good signal-to-noise ratio and maximum performance before feed-back. The ideal position would be near the centre of the pay window just to the left of the cash transfer cut-out, but no more than approx. 300mm (12") from the centre. Placing the microphone too far from the customer would result in poor performance, much higher background noise being transmitted and increased risk for feed-back. Max. height: 1.50m (60")

Public Loudspeaker

The loudspeaker has to be kept as close as possible to the listener's ears for maximum performance and a strong signal level before feed-back. The maximum height from floor level is 1900mm (76"). Mount the loudspeaker much closer to the listener in a very noisy environment. A minimum distance of 35-50cm (14-20") to the microphone must be maintained.

Privacy

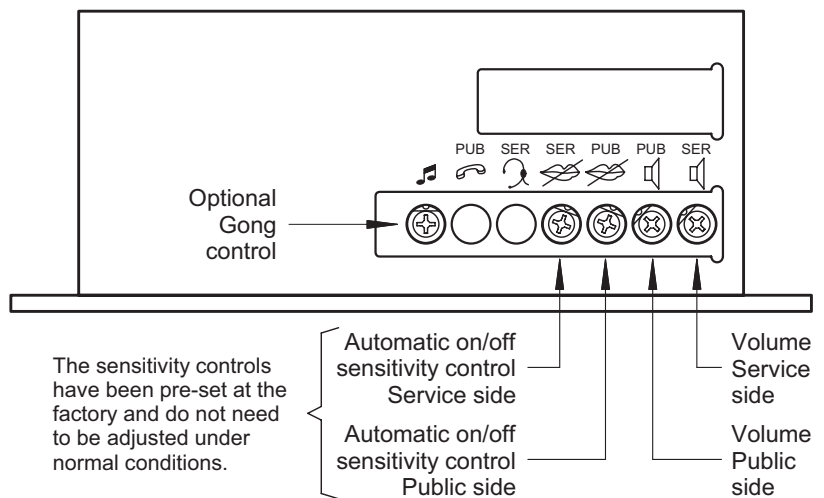
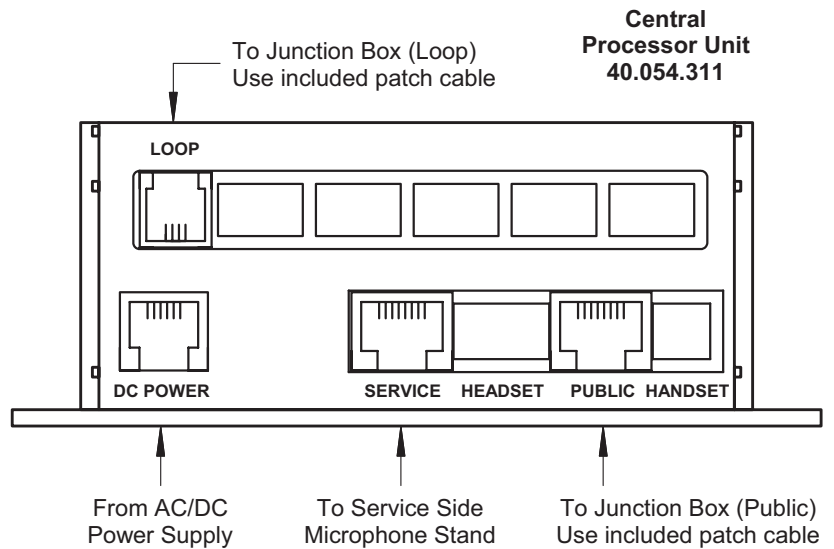
To maintain privacy and prevent feed-back it would be advisable to keep the loudspeaker volume as low as possible. Please set the volume level no higher than conversational speech levels. The volume levels have been pre-set at the factory. Try these settings first.

On/Off Sensitivity Controls

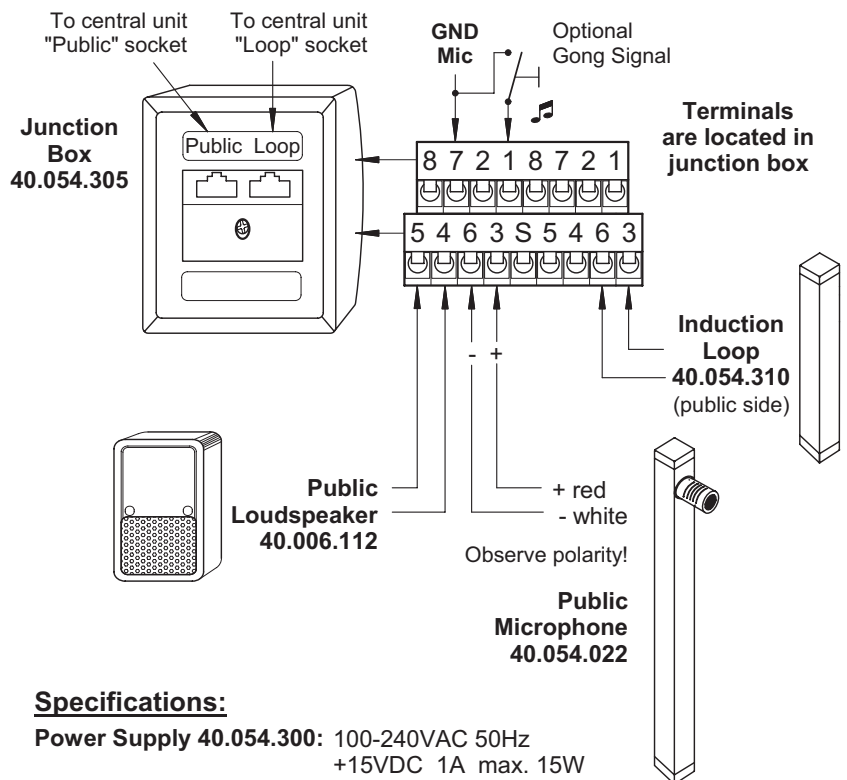
The sensitivity controls have been pre-set at the factory and do not need to be adjusted under normal conditions.

PUBLIC III

Installation Instructions



Do not turn controls before the system has been installed and is in working order. If controls need to be set, use a 2.5mm (not smaller than 2mm) flat blade screwdriver.

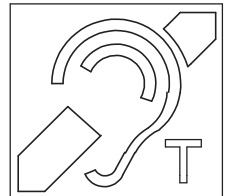


Specifications:

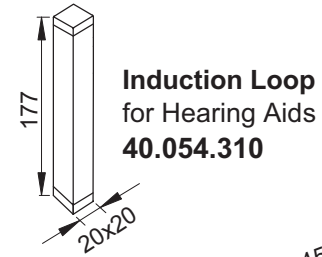
Power Supply 40.054.300: 100-240VAC 50Hz
+15VDC 1A max. 15W

Power Consumption: 20VA

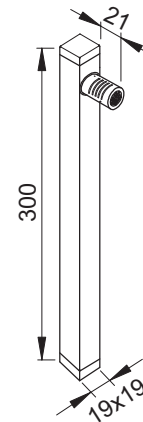
"PUBLIC III" PAY-WINDOW INTERCOM



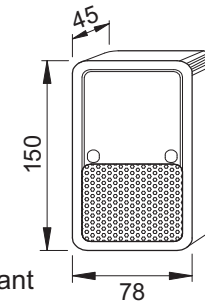
Induction Loop
installed for
Hearing Aids



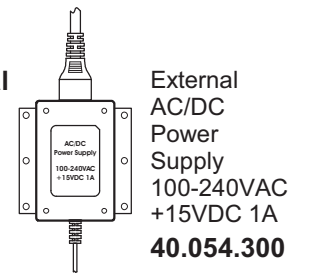
Induction Loop
for Hearing Aids
40.054.310



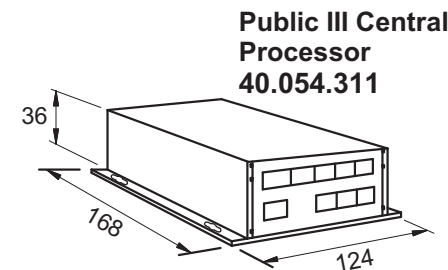
**M2/T Public Side
Microphone** ®
Water & Vandal Resistant
40.005.022



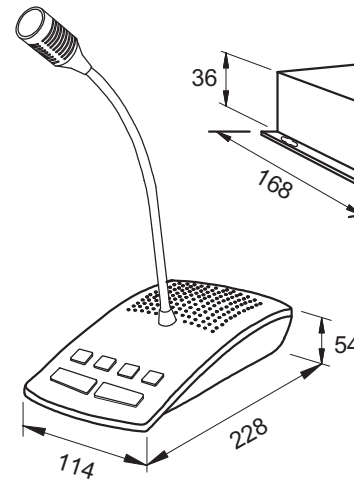
**L2 Public Side
Loudspeaker**
40.006.112



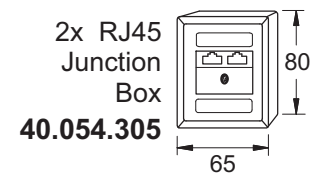
External
AC/DC
Power
Supply
100-240VAC
+15VDC 1A
40.054.300



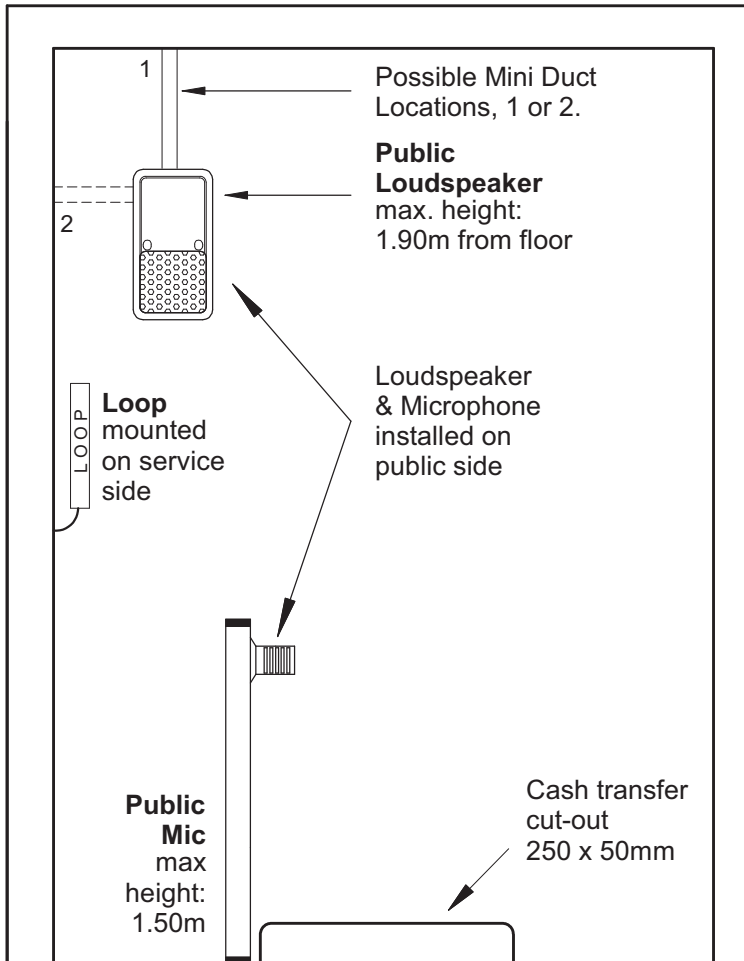
**Public III Central
Processor**
40.054.311



**Public III
Operator's
Mic/Loudspeaker
Unit**
40.054.301



2x RJ45
Junction
Box
40.054.305



Possible Mini Duct
Locations, 1 or 2.

**Public
Loudspeaker**
max. height:
1.90m from floor

Loudspeaker
& Microphone
installed on
public side

Loop
mounted
on service
side

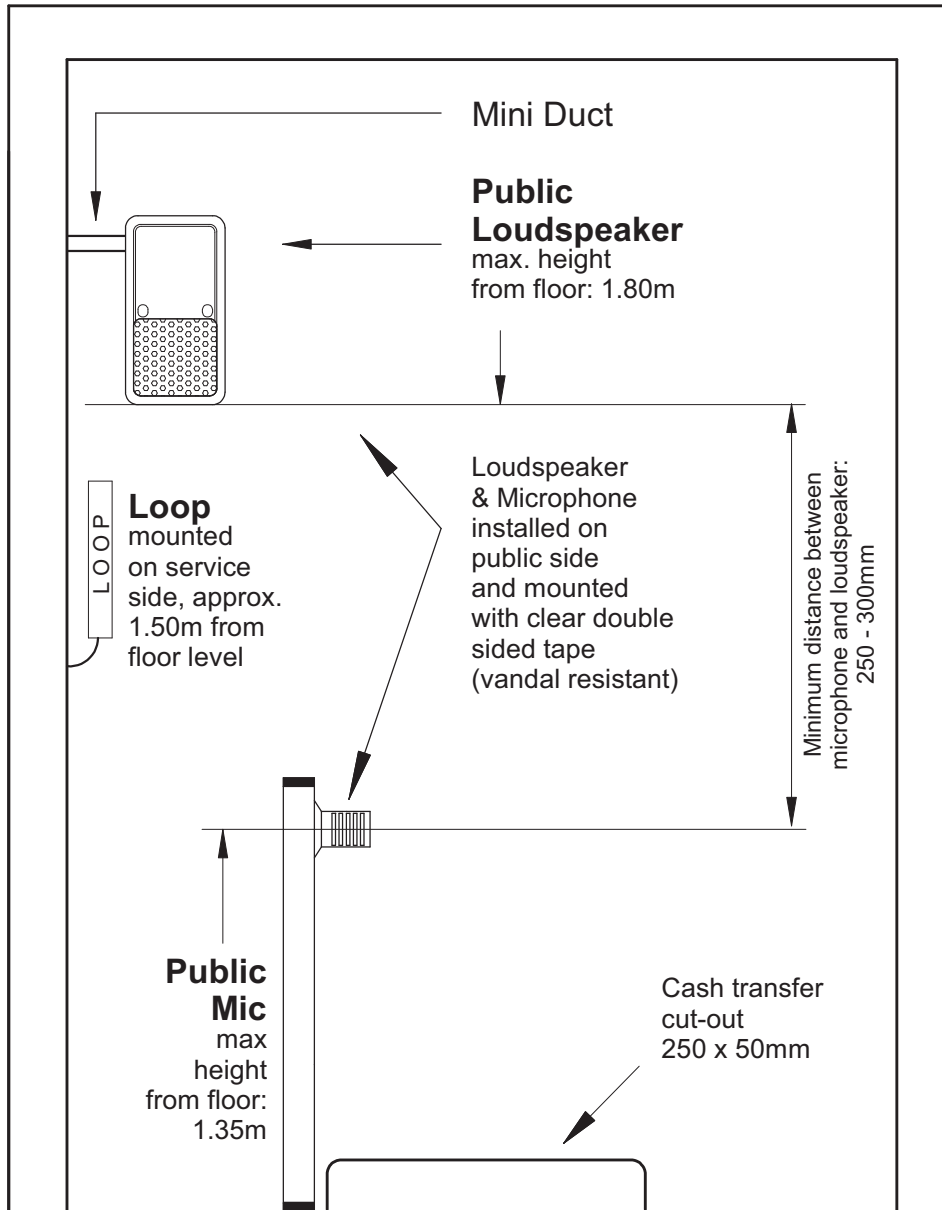
**Public
Mic**
max
height:
1.50m

Cash transfer
cut-out
250 x 50mm

Specifications:

Power Supply: 100-240VAC 50Hz
+15VDC 1A
Power Consumption: approx. 20VA

JOB NO.:	DWG NO.:	TITLE:	Copyright:
DATE:	SCALE:	CLIENT:	The drawing remains the property of Hertz Electronics and may not be used, copied, or reproduced in whole or part in any form without written permission.
DWN:	SIZE:	Standard Australian Configuration	
NM	A4	40.054.306	
		Clarson "Public III" Voice Loop System for bullet proof counters	
		HERTZ ELECTRONICS A.B.N. 69 086 651 014	
		P.O. Box 115 - 18 Rose Street ANNANDALE NSW 2038 Tel: +61 2 8205 0575 Fax: +61 2 9571 9754 Email: sdie@hertzelectronics.com.au Web: www.hertzelectronics.com.au	

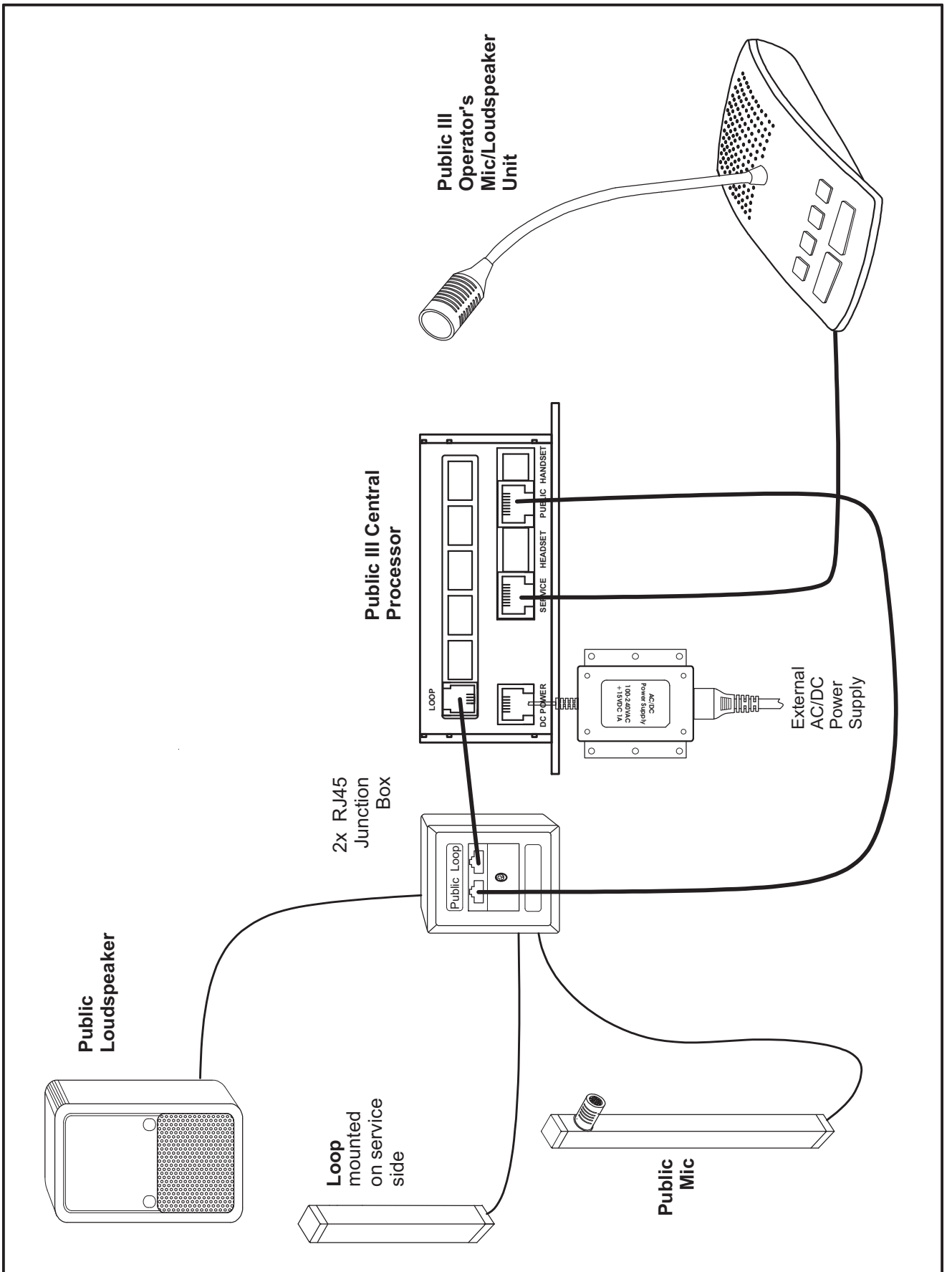


Specifications:

Power Supply: 100-240VAC 50Hz
+15VDC 1A

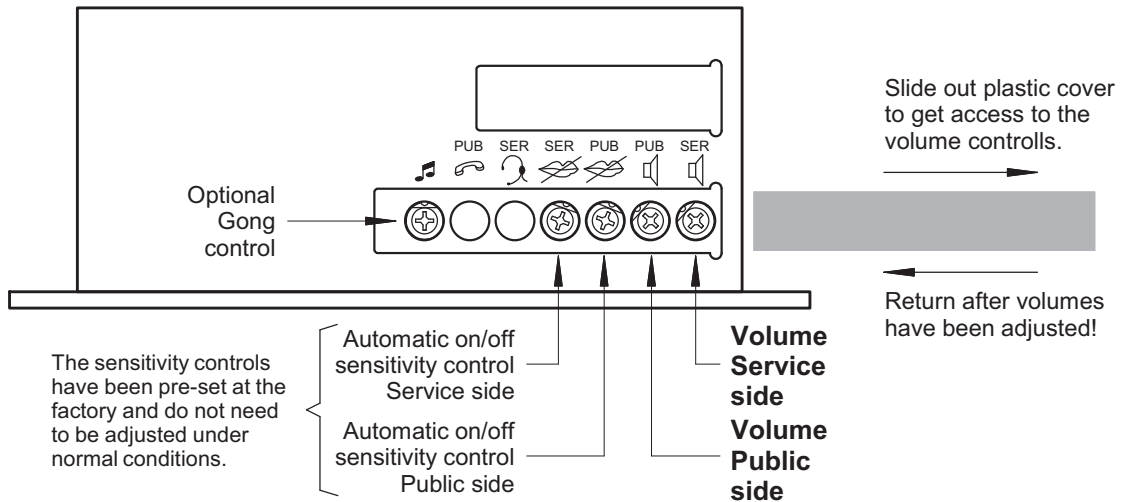
Power Consumption: approx. 20VA

JOB NO.:	DWG NO.:	TITLE:	
DATE:	SCALE:	CLIENT:	
DWN:	SIZE:	COPYRIGHT:	<p>HERTZ ELECTRONICS A.B.N. 69 086 651 014</p> <p>P.O. Box 115 - 18 Rose Street ANNANDALE NSW 2038 Tel: +61 2 8205 0575 Fax: +61 2 9571 9754 Email: sale@hertzelectronics.com.au Web: www.hertzelectronics.com.au</p>
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JOB NO.:	DWG NO.:	TITLE: Clarson "Public III" Voice Loop System for bullet proof counters Connection Diagram	 HERTZ ELECTRONICS A.B.N. 69 086 651 014 P.O. Box 115 - 18 Rose Street ANNANDALE NSW 2038 Tel: +61 2 8205 0575 Fax: +61 2 9571 9754 Email: sale@hertzelectronics.com.au Web: www.hertzelectronics.com.au
DATE:	SCALE:	CLIENT:	
DWN: NM	SIZE: A4	COPYRIGHT: The drawing remains the property of Hertz Electronics and may not be used, copied, or reproduced, in whole or part in any form without written permission.	

Public III Central Unit



If the volume controls need to be adjusted, use a 2-2.5mm flat blade screwdriver!!!

Adjust the volume carefully, in very small steps:
 Clock wise: higher volume
 Anti clock wise: lower volume

Be aware of "feed back". Reduce the volume to operate unit well outside feed back. Push the + volume button on the operator's microphone loudspeaker console to check, that no feed back occurs.

Let another person assist you when setting the public volume.

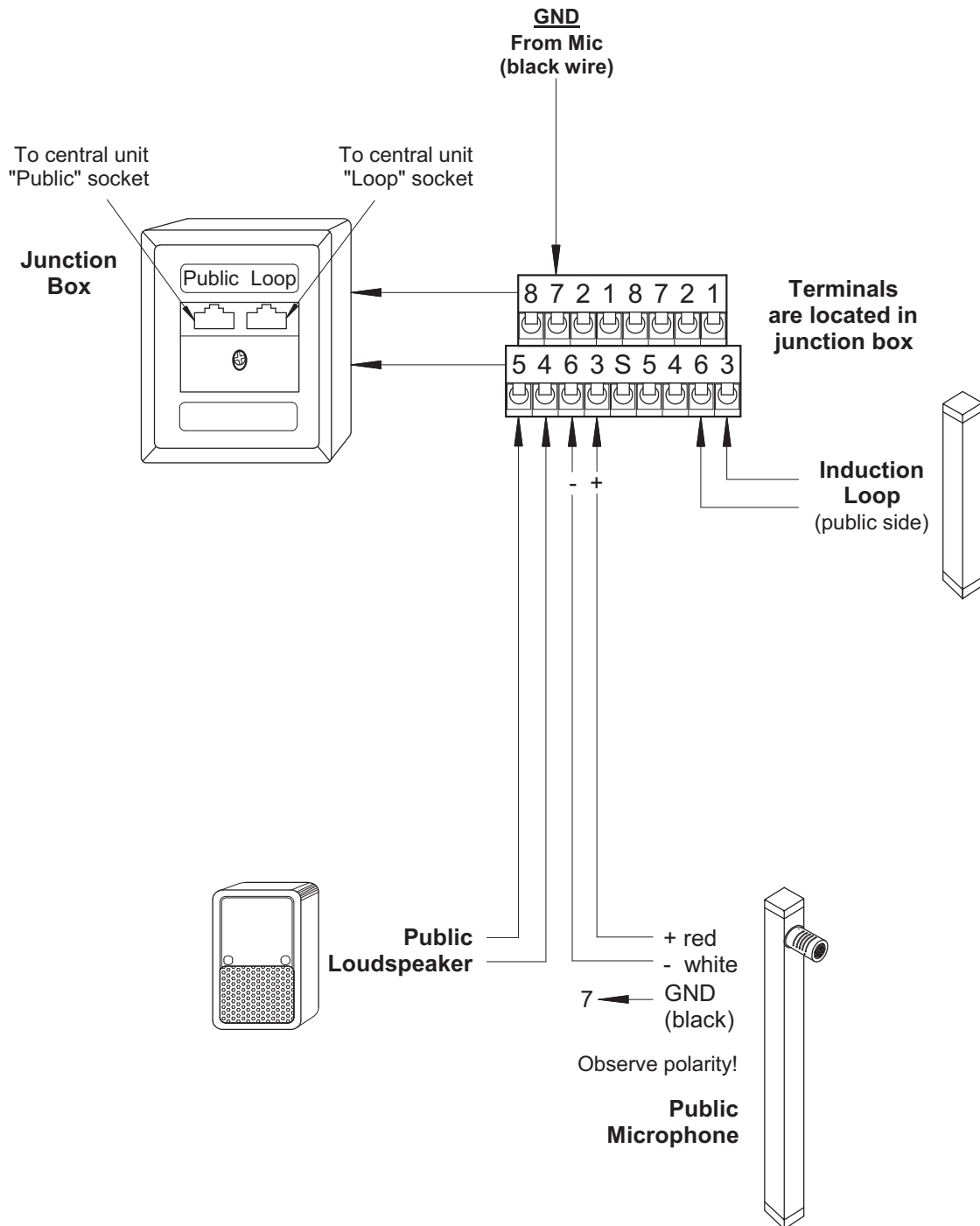
Operating Mode Reset

The Public III provides 3x operating modes:

1. Standard duplex mode
2. Push-to-talk
3. Boost

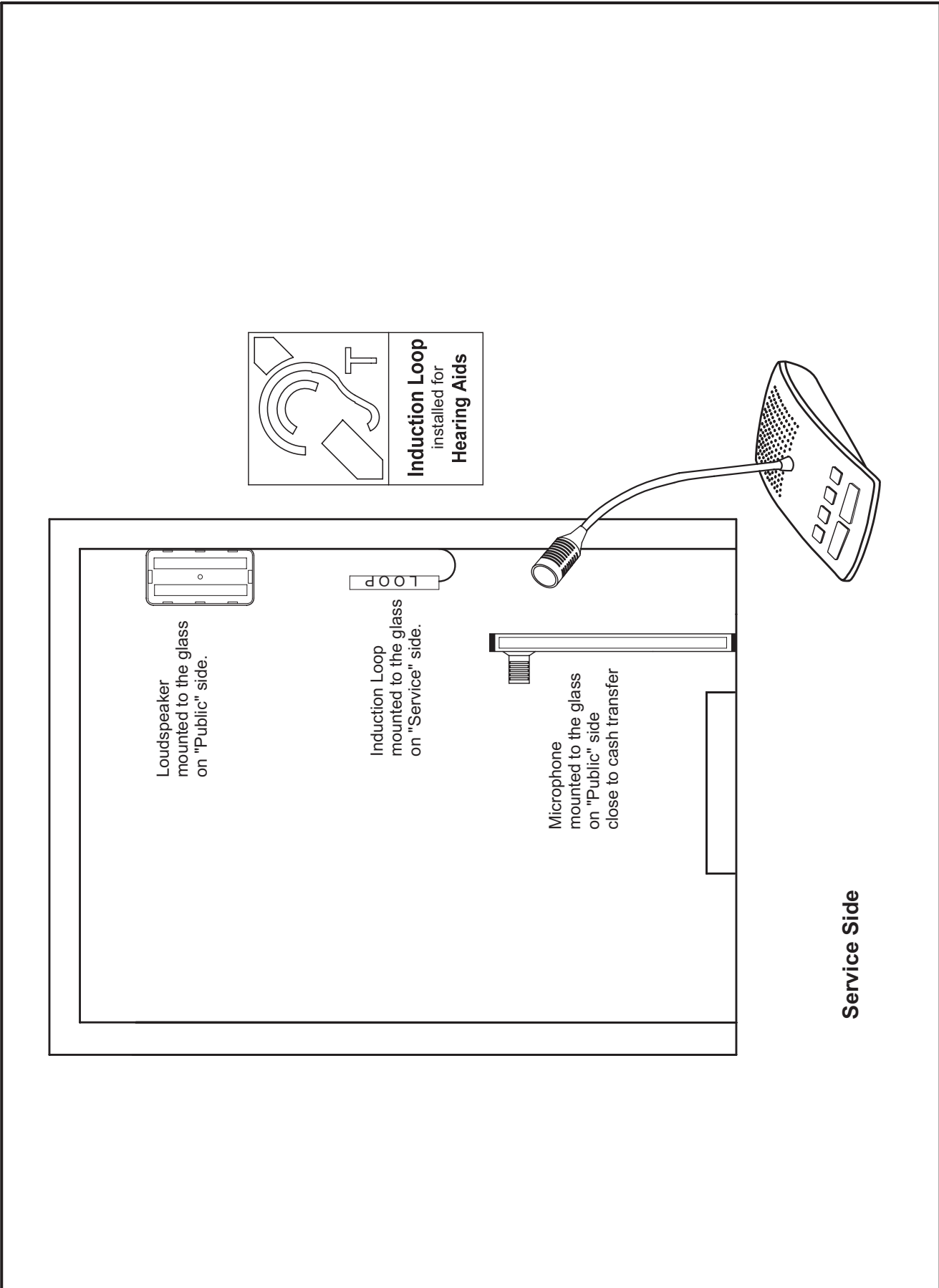
To return back to the Standard duplex mode from any of the other two modes, simply remove the mains power plug from the power point, wait a couple of seconds, then plug back in. The system will be forced into a system reset and will automatically return to Standard Duplex Mode.

JOB NO.:	DWG NO.:	TITLE: Public III Central Unit Volume Adjustment	
DATE:	SCALE:	CLIENT:	
DWN: NM	SIZE: A4	COPYRIGHT: The drawing remains the property of Hertz Electronics and may not be used, copied, or reproduced, in whole or part in any form without written permission.	 HERTZ ELECTRONICS A.B.N. 69 086 651 014 P.O. Box 115 - 18 Rose Street ANNANDALE NSW 2038 Tel: +61 2 8205 0575 Fax: +61 2 9571 9754 Email: sale@hertzelectronics.com.au Web: www.hertzelectronics.com.au



PUBLIC III

Junction box - terminal allocation



JOB NO.:	DWG NO.:	TITLE: Public III Installed	
DATE:	SCALE:	CLIENT:	
DWN: NM	SIZE: A4	COPYRIGHT: The drawing remains the property of Hertz Electronics and may not be used, copied, or reproduced, in whole or part in any form without written permission.	

Hertz Electronics
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